

Vol. XLVII—No. 86

CAMBRIDGE, MASS., MONDAY, JANUARY 9, 1928

Price Five Cents

NOTED SPEAKERS ADDRESS ANNUAL ALUMNI BANQUET

Dr. Stratton, Dr. Jewett '03,
And Secretary of War Davis
Speak to 500

HEGENBERGER PRESENT
Gives Short Talk to Meeting
In Chamber of Commerce
Saturday Night

Five hundred Technology alumni, a score of them with their wives, came from all parts of the Eastern United States to attend the annual banquet of the Alumni Association of M. I. T. Saturday evening. The meeting was held this year in the banquet hall of the Boston Chamber of Commerce.

Movies, a five-course dinner interspersed with songs and cheers and a notable list of speakers combined to make the banquet an affair generally conceded one of the most interesting and worthwhile of such gatherings. At the head table were the leaders of the alumni organization, corporation and faculty members and the speakers. The guests were seated at tables according to classes, and nearly all classes from '78 to '27 were represented.

Dr. Prescott Is Toastmaster

Dr. Samuel C. Prescott '94, president of the Alumni Association, officiated as toastmaster. The speakers of the evening were Dr. Samuel W. Stratton, president of M. I. T., Dr. Frank E. Jewett, president of the Bell Telephone Laboratories, Inc., and Hon. Dwight

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RADIO SOCIETY HAS NEW TRANSMITTERS

Institute Station Easily Heard
By Middle West

The Radio Society has recently installed a new forty meter transmitter, consisting of two fifty watt tubes in a self rectifying circuit. It is expected that a two hundred and fifty watt transmitter will soon be in operation. The latter set will be operated in a wavelength of twenty meters and will be used mainly for long distance daylight transmission. The plate supply will come from a five hundred cycle motor generator. The range of the meter set has not been determined as yet as the set has only been in operation for a short time. However, stations in the middle west have reported the signals as coming in with good signal strength.

It is planned to have a staff of operators at the station in order to maintain regular schedules. The times that the station will be in operation will be published later. Visitors are always welcome whenever there is an operator in charge.

Real Smoke Discovered In Chemistry Lecture

At last a Technology chemist has been discovered, one who can really tell true, one hundred percent, smoke, not the fictitious kind which is occasionally used to fool our budding engineers. The said chemist, incidentally, lectures to freshmen, and not to the gullible upperclassmen. It seems that the aforementioned expert analyst was drowsing away merrily to a thoroughly exhausted bunch of frosh, when from the rear of one of the pillars in 10-250 a substance emerged which had all the visible properties of smoke. Using his instant-action mind, the lecturer paused in his drowsing and announced the startling fact to an astonished class that he had discovered smoke in the lecture room. The class laughed, and sniffed the air expectantly, anticipating the odor of ammonium hydroxide, but lo and behold, it was tobacco.

Thereupon the class placed "Beaker" up another rung in their opinion for having the ability to tell smoke and knowing enough not to try to fool the frosh, and then turned around to finish their incomplete sleep.

Will Aunt Hattie See Your Photo in 'Snique?

Snapshots, snapshots, and still more snapshots are wanted by Technique for its informal sections. Although many have been received, many more are wanted in order to make that section bigger and more enjoyable than ever. Pictures of Institute life, of athletics and of fraternity and dormitory life are the sort of thing that is wanted. Preference is given to informal poses, since they are generally of greater interest to the general student body. Pictures should be brought to the Technique office as soon as possible, in any event before midyears. This is an excellent chance for students to get their picture into the yearbook, where they can proudly display it to Aunt Hattie.

King Of Denmark Knights Hovgaard For His Services

Naval Architecture Professor Receives Honor on His 70th Birthday

The order for Knight Commander of Dennebroge, an honor given only for distinguished service, has been conferred upon Professor William Hovgaard, Professor of Naval Design and Construction at the Institute by King Christian of Denmark.

The honor, given on the occasion of Professor Hovgaard's seventieth birthday in recognition of his far-reaching contributions to naval architecture, was presented by the Danish Consul General George Beck at a dinner of the Danish Officers Club in New York.

Professor Hovgaard was graduated from the Naval Academy at Copenhagen in 1879. He served in the Danish Navy and was a member of the astronomical expedition which was sent to the West Indies to observe the passage of the planet Venus in 1882. In 1883 he entered the School of Naval Architecture of the Royal Naval College in England and was graduated three years later. From 1886 to 1894 he was on technical duty in the Royal Dockyard at Copenhagen and served as instructor in the Dockyard School of Naval Architects and Engineers.

Came Here in 1901

The following year he was appointed yard manager at the famous shipyard of Burwester and Wain. In 1898 he was given the rank of commander in the Danish Navy.

In 1901 Professor Hovgaard was sent to this country to study the question of submarines and other technical matter and following his return to Denmark he was offered the chair as Professor of Naval Design and Construction at Technology.

Professor Hovgaard was called as an expert witness in the loss of the Titanic and at the inquiry into the sinking of the Lusitania. He was on technical duty in the Bureau of Construction and Repair in the Navy Department at Washington in 1917 and 1918 and later was a consulting expert for the navy. He was technical adviser to the court in the investigation of the loss of the Shenandoah.

Professor Hovgaard is well known for his work in the interest of the American Scandinavian Foundation of which he has been a trustee since 1912. He was elected vice-president of the foundation last year.

Many technical books have come from the pen of Professor Hovgaard, among them such works as the Structural Design of Warships, Modern History of Warships, and the General

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MENORAH SOCIETY MEETS TOMORROW

Tomorrow night at 7:45 o'clock in North Hall, Walker, the joint meeting of the Radcliffe and Technology Menorah Societies will be held. The principle speaker of the evening will be Prof. Robert E. Rogers of the English department of the Institute. As is the usual procedure at the joint meetings, the address will be followed by dancing and refreshments.

This is the first meeting of the year and all the members of the Society are expected to be present. Any men interested in the society are invited to attend and are urged to join.

FRESHMAN SMOKER WILL BE HELD ON WEDNESDAY NIGHT

Hegenberger to Speak at First All-Freshman Meeting of The Year

LEADERS MEET IN 4-138

At a meeting of the officers and section leaders of the freshman class it was definitely decided that the first class smoker would be held on Wednesday evening in the dining room of Walker Memorial. The principal speaker of the evening will be Lieutenant Albert G. Hegenberger '18, who has finally been able to arrange his plans so as to speak at the freshman smoker.

The meeting of the freshman officers and section leaders was held in Room 4-138 last Friday night at 5 o'clock. At this meeting Kenneth Smith was put in charge of getting the tickets for the smoker. These tickets will be given to the section leaders on Monday and will be distributed to the members of the different sections on Tuesday. The tickets will cost 25 cents each and all members of the class are urged to be present at the first smoker.

Robert B. Freeman, president of the Class of 1931, then selected a chairman of the publicity committee and also of the entertainment committee. Tinsley Rucker was appointed to obtain ushers for the smoker.

For several weeks the freshman officers have been trying to secure Lieut. Hegenberger to speak at the smoker, but due to business engagements the Lieutenant was unable to come. However, last Friday morning Freeman received a telegram from Hegenberger stating that he would be able to attend the smoker next Wednesday evening. In addition to Lieut. Hegenberger's speech several other things have been planned for entertainment. O. B. Denison '11 will probably be present to entertain by singing and playing. The R. O. T. C. band, which recently made its debut in the Hangar Gymnasium, is also going to be asked to perform.

The smoker is going to be the first real get-together meeting of the Class of 1931 and it is very important that it be well attended. The program will begin at 8 o'clock on Wednesday evening in the Main Hall of Walker Memorial. Final plans for the evening will be made at a meeting of the officers and section leaders in Room 4-138 tonight at 5 o'clock.

FACULTY CLUB WILL HEAR FORUM EDITOR

A luncheon meeting of the Faculty Club will be held in the Faculty dining room, Walker Memorial, tomorrow at 12 o'clock. The speaker of the luncheon will be Dr. Henry G. Leach, of New York City. The subject that he will discuss will be "Academic Tolerance." Dr. Leach is editor of the "Forum," and is well known in literary circles. This starts the first of the year's programs of bi-weekly meetings of the Club, and it is expected that it will be well attended.

Travelling Fellowship in Architecture 1500
Open by competition to regular and special students in the Department of Architecture.

Austin Research Fellowship 1000
Open to students in all departments.

SWIMMERS DEFEAT AMHERST COLLEGE IN CLOSE CONTEST

ENGINEERS WIN IN SPITE OF LOSS OF LAST YEAR'S STARS

Jarosh '30 Breaks School Record in the 440 Yard Swim

STILL LACK GOOD DIVERS

Technology's crippled swimming team upset all dope when they nosed out Amherst College 39 to 32, in one of the closest and hardest fought swimming meets that Technology has ever been in. The meet was a battle from start to finish, first one side and then the other taking the lead and it was not until the relay was completed that the meet could be definitely decided.

With the result of the meet depending on the relay both teams fought their hardest to gain the lead and to nose out the other man. Brown was the lead off man for the Cardinal and Gray and he started off with a four inch lead. Amherst tried hard to make up this lead, but just those few inches were enough to lose the meet for Amherst and clinch it for Technology. Torchio '30, the Engineers second man, tried hard to maintain the lead set for him by Brown, but Cremer of Amherst was a little too good for him and started to gain on him. He could not, however, gain more than an inch and when Payson, a regular 440 man, and Campbell of Amherst started to fight it out. Neither of these men could gain on the other person and the result of the race rested on Luey and Lathrop the last men of both teams.

Lathrop did his best to gain on Luey, and throughout the entire last lap Lathrop tried vainly to overcome the advantage that Luey received from Payson and it looked for an instance as if he might do it. However, Luey gave a desperate last sprint and crossed the line not more than two inches ahead of Lathrop.

Another close and interesting event was the 50 yard dash in which Angerman of Amherst nosed out Torchio '30, by less than an inch. Both of these men fought hard to gain the

(Continued on Page 3)

SCHOLARSHIPS FOR 1928 ANNOUNCED

Austin Fellowship Increased From \$500 Plus Tuition To \$1000

The Massachusetts Institute of Technology will offer in 1928-1929 the following graduate scholarships to assist students in pursuing courses of study and research leading to the Degrees of Master of Science, Master in Architecture, Doctor of Science, Doctor of Philosophy and Doctor of Public Health. Awards will be based primarily on evidence of high scholarship and ability to carry on research. Inquiries regarding graduate scholarships and opportunities for graduate study and research should be addressed to the Dean of Graduate Students, Massachusetts Institute of Technology, Cambridge, Mass. Applications should be filed on forms provided for the purpose, not later than March 1, 1928.

Name Stipend
Textile Research Fellowship \$2000
Provided by the Arkwright Club; open to a graduate student properly qualified to undertake research in the field of textiles.

Crane Graduate Scholarships and Sloan Graduate Scholarships 1000
Several scholarships open to graduate students properly qualified to undertake fundamental research problems in the field of Automotive Engineering.

Travelling Fellowship in Architecture 1500
Open by competition to regular and special students in the Department of Architecture.

Austin Research Fellowship 1000
Open to students in all departments.

(Continued on page 4)

Tech Show Prizes Are Announced-- Orchestra Picked

Awards for Music and Poster
Are Given to Murphy
And Burgess

Prizes for the musical score and the advertising poster for Tech Show 1928 were won respectively by Joseph Murphy '29 and H. Lee Burgess '28, it was recently announced by the management of the Show.

The winning poster design is featured by a novel color scheme, with the portrait of a "smooth" young woman in the foreground and a partly disguised man lurking in the background.

The Show orchestra also has been selected, it is announced. It will consist of W. H. Jones '29, first sax: R. Kenny '30, second sax: G. W. Gassett '30, tenor sax; A. Clark '29, violin; W. Martell '30, violin; R. Bennett '31, cello; J. Russell '28, piano; A. Campopiano '28, flute; A. Keith '28, trombone; C. Kingsley '30, drums; A. Ackiss '30, first trumpet; C. Campbell '29, second trumpet; H. B. Walker '30, bass; and a freshman horn player.

CALENDAR

Monday, January 9
5:00—Christian Science Society Meeting in Room 4-132.

Tuesday, January 10
6:00—Corporation XV Banquet in Grill Room Walker.

7:30—Basketball Yale vs. Technology at New Haven.

7:45—Menorah Society Meeting North Hall Walker.

Wednesday, January 11
8:00—Freshmen Smoker in Main Hall, Walker.

Speaking generally on the subject
(Continued on page 4)

A Record of
Continuous
News Service
for 46 years



Official News
Organ of the
Undergraduates
of M. I. T.

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AS WE SEE THE MOVIES

METROPOLITAN

Dolores Costello's latest starring vehicle, "Old San Francisco," is the feature picture at the Metropolitan Theatre this week. Screen critics have hailed the film as Miss Costello's best acting since her appearance with Bartram in "The Sea Beast." We are inclined to agree with that opinion.

"Old San Francisco" carries with it all the picturesqueness of that western city during the Gold Rush and Barbary Coast Days. Altogether the director has achieved a set of situations on which to let his imagination wild. All the glamour of the early west has been brought back to life and added to the horrors of the Chinatown underworld where pretty Dolores is sold to the highest bidder. The picture is interesting and colorful but it contains a considerable of the overdrawn hero "stuff" possible of execution only "on location."

Gene Rodémech and his band mates are pirates this week in a brilliant stage setting inspired by the early Spanish "Treasure Ships." The captives on this particular "Treasure Ship" are required to entertain the "pirates" or walk the plank and so by this interesting diversion the stage acts are introduced.

"Miss" Fannie Ward is heralded as the chief attraction on the program, but we failed to get the proper thrill out of her appearance and we went away wondering how the mother of an English Peeress and a grandmother as well could still call herself "Miss." A bit facetious—n'est-ce-pas?

FENWAY

Milton Sills as the courageous son battling for the right, smiles his way winningly through the "Valley of the Giants" and emerges victoriously to claim his fair prize, the niece of his humbled opponent. The picture, now showing at the Fenway, has beautiful views of the giant redwood trees in California which tower majestically into bright blue skies of that locality. In such scenic beauty of the film, which serves to portray the selfishness of some humans in contrast with the noble-heartedness of others. Milton Sills plays exceedingly well in this production which was adapted from Peter B. Kyne's novel of the same name.

"Very Confidential" with Madge Bellamy in the lead role; some new songs with Cahill at the organ; Inkwell studies; and Paramount news round out a well-balanced bill this week at the Fenway.

MIDDLEBURY TO HAVE ETIQUETTE COURSES

The college-trained man of the future should be a "wow" with the women if present tendencies in higher education have any significance. He will dance "divinely" and will be such a master of etiquette that he will make the weaker sex look like rowdies in comparison. Furthermore, he will be able to instruct his wife in the household arts and as a consequence will not have to undergo the unpleasant experiences of his more unfortunate brothers of the present generation who are forced to submit themselves as victims to experimental cooking of their better halves.

Northeastern University has started the ball rolling with the organization of a dancing class in preparation for their coming Junior Prom. Ohio State University is showing its progressiveness by arranging a course in home economics for men, while Middlebury is the pioneer in the field of etiquette. The latter college has instituted a new course, described by Middlebury officials as an "intensive course in etiquette", which will be compulsory for freshmen beginning next semester.

The Women's College of Alabama has decided to abolish intercollegiate athletics and to substitute athletic encounters with all institutions.

* * *

Some discussion has arisen at Harvard as to whether a student should be deprived of the privilege of representing the school in athletic contests because his scholastic standing, at the time, happens to be low. The question was brought up by an alumnus and answered by the Crimson voluminously and in detail, to the effect that the present eligibility system is the best plan capable of being devised.

* * *

Wesleyan students have been recently confronted with a great deal of religious opinion, voiced by five great men, of different creeds. The addresses were followed by question periods. The last part of this three day, a revival, consisted of a general discussion by students and faculty, of the function of religion in a college education, including the place of ethics courses, compulsory chapel, and Christian associations.



ACTIVITIES CALLED 'CAMPUS DRAW-BACK'

Bates and Western Reserve Are Examining Curriculum

That activities are the greatest obstacle to the advancement of student conditions on their college campus is reflected in the following article reprinted from *The New Student*:

"Football having passed off the boards, curricular reform is again engaging student attention in several colleges. The undergraduate reformers have taken fair notice of the criticisms overflowing current periodicals, and have adopted a vigorous style in attacking their campus problems.

The University of Washington Daily, after publishing a series of student criticisms of the university and its work, has summarized by blaming the faculty for the lack of intellectual stimulus and study encouragement prevalent on the campus. The main draw-back it conceives as 'the appalling over-emphasis on activities for activity's sake, that insistence on activities on Washington which results in the average collegian striving to be an activity hound from freshman days to the end of college.' The faculty is blamed for having failed to eliminate superfluous activities, and the *Daily* presents the problem as one for the teachers to solve.

President C. D. Gray of Bates College has appointed a student committee of twelve to examine the curriculum and suggest modifications and changes. These students will carry on the working on the same problem, one composed of teachers, another of alumnae, and a third, serving as advisors, of outsiders.

Students in the College for Women at Western Reserve University have selected representatives to serve as their agents in presenting to the faculty complaints against the curriculum. They are members of the committee, to whom they will make recommendations after passing on student complaints."

FOUND—WAY TO STOP CHEATING IN EXAMS

A code of rules for preventing cheating in examinations has been drawn up by the "Orange and Blue" of Jefferson, Tenn. A glance at them should be sufficient to convince anyone that they should accomplish their purpose.

- 1—Students will march to class under guard of Coach Neely's uglies.
- 2—Will be stopped at the door and searched for contraband notes, etc.
- 3—Before entering class room, each student will be submitted to psychological examinations to determine whether or not student has any idea of cheating.
- 4—Each student must wear blinds and place a handkerchief in his mouth.
- 5—Additional professors, armed with blackjacks, will be on outside and watch through peepholes.
- 6—Highly tuned dictaphones will be concealed behind pictures to catch slightest whisper.
- 7—When the student has finished his examination, a lie detector will be used to find out whether or not student has cheated.
- 8—Before marking papers, professors will discount ten points from each paper on the possibility that the student has cheated after all.

Alfred University has a cross country runner of whom she should be proud. Recently he entered in one event, and finished with the contestants in the preceding event; something like doing the "100" in minus.

Returns to His Favorite Tobacco

Boerne, Texas
Oct. 14, 1926

Larus & Bro. Co.
Richmond, Va.

Dear Sirs:

I am a prodigal son.

I began pipe-smoking with Edgeworth. But after a while I began to wander, trying other tobaccos, experimenting to see if there were any better tobacco for the pipe.

I have tried most of the best known brands and a number of the more obscure, both imported and domestic, but they didn't suit.

So now I have returned—I am using Edgeworth again, satisfied that no better tobacco is made.

"And the prodigal son partook of the fated calf"; I bought a new pipe when I returned to Edgeworth.

With many thanks for my cool, melodic, sweet smokes, I am,

Very truly yours,

"H. D."

Edgeworth
Extra High Grade
Smoking Tobacco

QUINTET SWAMPS FITCHBURG NORMAL

Crippled M.I.T. Swimming Team Noses Out Amherst College 39 to 32

ENGINEERS PILE UP 58 POINTS IN SLOW GAME; MEET YALE TOMORROW

Technology's fast quintet smothered Fitchburg Normal at the Hangar Gym last night 58-16, and missed making it an even 60 by a fraction of a second. The engineers took the lead at the start and by the end of the half they led by 20 points. Johnny Reynders, Dartmouth transfer, was the high point man, scoring fourteen points and playing a brilliant game.

Coach McCarthy used 11 men and substitutes Johnson, Spahr and Nelson showed up very well. All these men will see quite a bit of service during the next few days as there are three games this coming week, Yale tomorrow, Wesleyan at Tech Saturday and Northeastern, the final game before exams, on the following Tuesday.

McClintock will not play again until after examinations, partly due to his ankle, and partly due to his studies, Coach McCarthy definitely announced Saturday night. Although the loss of McClintock will be felt, the team seems able to get along pretty well without him and in spite of his absence they have a good chance of defeating Yale tomorrow night down at New Haven.

Capt. Carrigan was the only real player that Fitchburg could boast of, as the rest of the men looked like a bunch of prep school men. Carrigan scored three baskets and as many free throws for nine points. The Fitchburg game was really a practice game for the Yale game that comes off tomorrow night down at New Haven.

Yale has a very strong team this year as they nosed out Dartmouth 26 to 22 in a flashy game at New Haven last Saturday night. Dartmouth defeated Technology 42-36 before vacation. According to reports the Dartmouth aggregation was far off form, but in spite of this fact a hard battle is expected tomorrow night.

Capt. Gil Ward and Lou Nassou are the two outstanding Yale forwards and they alternate at left guard. These are the men that will have to be watched tomorrow night as they are dangerous whenever they get within shooting distance. McNulty and Nany, Yale guards, are very adept at breaking up any passing combinations and the Cardinal and Gray quintet is going to have a hard time to get by these two men.

As a whole the engineers can be expected to give the Yale quintet a real battle. Nothing much could be told from the Fitchburg game as Technology hopelessly outclassed the normal men and the game was slow from start to finish with the exception of the last quarter, in which the Fitchburg bunch made a rather hopeless at-

tempt to put some life into the game. The summary:

M. I. T.	G	F	P
Reynders, rf	6	2	14
Allen, lf	5	0	10
Johnson, lf	2	1	5
Bates, lf	1	1	5
Brockel'm. c	1	0	2
Green, c	1	0	6
Estes, rg	2	2	6
Mock, rg	0	0	4
Nelson, rg	1	0	2
Lawson, lg	1	0	2
Spahr, lg	1	0	2
Totals	26	6	58

FITCHBURG NORMAL

FITCHBURG NORMAL	G	F	P
J. Sullivan, lg	0	0	0
F. Sullivan, lg	0	0	0
Wilken'n., rg	0	0	2
Cavan'gh, rg	0	0	0
O'Leary, rg	0	0	0
Fillback, c	0	0	0
Carrigan, lf	3	3	9
Richard, rf	2	1	5
Totals	6	4	16

Referee, Parker; time, 20 min., halves.

BOY'S CLUB SWAMPS FRESHMAN SWIMMERS

Technology's freshman swimming team was handed a decisive defeat by the Boston Boys' Club swimming team, to the tune of 54-8. James Redgate of the Boys' Club and the Huntington School teams established a new tank record for the 100-yard backstroke by was the only double winner. He cap Boys' Club to beat him out.

George Shinney of the Boy's Club was the only double winner. He captured the 200 and 100 yard free-style swims. In the 100-yard event Shinney just nosed out William Lynch, holder of the record for the distance.

Tech's nearest approach to winning an event was Holst's effort in the 100-yard breaststroke. Holst led until a few yards from the finish when he swallowed some water which slowed him up enough for Joe Carr of the Boys' Club to beat him out.

Fred Lee, 15-year-old member of the Boy's Club team, captured the 40-yard dash in 20 1-5 seconds, beating out William Lynch of his own team and Baker of Tech. He was second in the backstroke. The relay race was won by the Boy's Club by a wide margin. The home quartet covered the distance in 1 minute, 24 1-5 seconds.

40-yard dash—Won by Fred Lee, Boston; second, W. Lynch, Boston; third, C. Baker, M. I. T. Time, 20 1-5 seconds.

100-yard free-style—Won by Shinney, Boston; second, W. Lynch, Boston; third, Mackay, M. I. T. Time, 59 4-5 seconds.

200-yard free-style—Won by Shinney, Boston; second John Lynch, Boston; third Mackay, M. I. T. Time, 2 min, 23 seconds.

100-yard backstroke—Won by Joe Carr, Boston; second, Holst, M. I. T.; third, Robert Lee, Boston. Time 1 min, 24 2-5 seconds.

100-yard backstroke—Won by James Redgate, Boston; second, Fred Lee, Boston; third, Allen, M. I. T. Time, 1 min, 13 seconds.

Dive—Won by Nolan Boston; second, Casey, Boston; third, McMenn, M. I. T.

Relay—Won by Boston Boys' Club (Tomey, J. Lynch, E. Lee and W. Lynch). Time, 1 min, 25 2-5 seconds.

M. I. T. SQUASH CLUB LOSES MATCH 5 TO 0

The M. I. T. Squash Club failed to win a game against the Harvard Club on the Technology courts Saturday afternoon, and for the fourth consecutive time were compelled to accept a 5 to 0 defeat. As a result of the defeat the M. I. T. team and Weston occupies the cellar of the Class C of the Massachusetts Squash Association. The club players have proved too experienced for the M. I. T. men as yet, who show the need of some expert coaching.

The summary:

V. Cook Jr. (H), defeated P. Bourne (T), 15-10, 15-11, 15-3.

J. R. Morris (H), defeated H. Janes (T), 8-15, 15-8, 15-7, 15-11.

E. A. Weeks (H), defeated J. Leslie (T), 15-7, 15-7, 15-8.

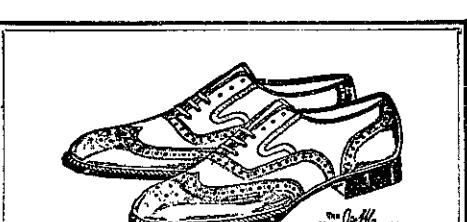
E. J. Sawyer (H), defeated F. Riley (T), 15-6, 15-8, 15-10.

J. B. Read (H), defeated W. Ridley (T), 15-3, 15-8, 15-12.

Score: Harvard Club 5, M. I. T., 0.

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Team Puts Up a Great Fight In Spite of Loss of Capt. Grover

(Continued from Page 1)

lead over the other man, and Angleman stretched out just a little harder in the last few feet to win the event by about an inch. The breast stroke was also a very close meet, Burke of Amherst forging ahead in the last lap to annex this event. Jarosh, however, gave him a battle from start to finish and it was not until the last lap that Burke could edge a way from Jarosh who tired out just enough to lose the event.

About the only event that the Engineers took with ease was the medley in which the Cardinal and Gray got out to an early lead and managed to keep it without any difficulty throughout the rest of the event. In the back stroke the Engineers managed to cop both first and second places and as usual Jarosh and Luey fought each other for first place, Luey finally winning the event. Technology clearly showed its diving weakness as Amherst annexed both first and second without any difficulty.

From the results of this meet it appears that the Engineers are not as badly crippled as it was expected. In spite of the resignation of Grover and the failure of several veterans to come out this year, the Cardinal and Gray has the makings of a real team, and if they had several good divers they could be counted on to win quite a number of this year's meets.

Last year's freshman team is probably the chief reason that the swimmers have managed to even scrap up the resemblance of a team. Both Jarosh and Torchio are Sophomores and these men are both good, as without either of these men the team would be seriously handicapped.

Summary:

Medley (300 yards)—Won by Tech (Luey, Appleton, Payson); second, Amherst (Johnson, Johnson, Kaplinski, Keppel). Time, 3 min, 44 3-5s.

Fifty-yard dash—Won by Angleman, Amherst; second, Torchio, Tech; third, Brown, Tech. Time, 24 4-5s.

Four hundred forty-yard swim—Won by Jarosh, Tech; second, Webb, Amherst; third, Ketcham, Amherst. Time, 6 min, 9 1-5s. (New Tech record.)

Dive—Won by Steuart, Amherst; second, Howe, Amherst; third, McQuane, Tech. Points, 32 3.

One hundred fifty-yard backstroke—Won by Luey, Tech; second, Jarosh, Tech; third, Gottsgegen, Amherst. Time, 2 min, 3 3-5s.

One hundred-yard dash—Won by Lathrop, Amherst; second, Torchio, Tech; third, Angleman, Amherst; second, Appleton, Tech; third, Birnbaum, Tech. Time, 3 min, 1 1-5s.

Two hundred-yard relay—Won by Tech (Brown, Torchio, Payson, Luey); second, Amherst (Angleman, Crauer, Campbell, Lathrop). Time, 1 min, 50 2-5s.

FROSH HOOPMEN ARE SWAMPED BY BROWN

Technology's yearling hoopsters came off a rather poor second in a one-sided game with the Brown freshmen Saturday night. Although the frosh put up a fighting game all the way through, the Brown forwards seemed to have no difficulty in cutting through the defense and running up a long lead. Although the frosh showed an improvement on their defense they can still stand an improvement.

In spite of the fact that the score is so overwhelmingly one-sided the youngsters put up a good game. Harrison was the high scorer for the frosh, making two baskets. Motter made the other basket. Kamy, Slattery, Dickenson and Morse all made tallies from the foul line. Considering the strong defense of the Brown outfit the scoring is not bad at all. The Brown forwards seemed to be having a holiday, running up a total of 24 baskets.

The summary:

BROWN G F P

Snyder, rf 7 2 16

Ferguson, rf 2 0 4

Read, rf 1 0 2

Marson, lf 1 0 2

Dennler, lf 0 0 0

Barnet, c 8 3 19

Bornw, c 1 1 3

M'zocki, rg 5 0 10

Cla'don, rg 0 1 1

Keegan, lg 0 0 0

Warren, lg 0 0 0

Schien, lg 0 0 0

Totals 24 7 55

M. I. T. G F P

Kamy, lg 0 1 1

McK'ht, lg 0 0 0

Slattery, rg 0 1 1

Garcia, rg 0 0 0

Dickerson, c 0 1 1

Motter, c 1 0 2

Harrison, lf 2 0 4

Morse, rf 0 1 1

Totals 3 4 10

Referee, Merritt; time four 10 minute periods.

SPORT SUMMARY

Varsity	
Swimming, M. I. T.	39
Basketball, M. I. T.	58
Hockey, M. I. T.	1
Freshman	
Basketball, M. I. T.	10
Swimming, M. I. T.	8
Hockey, M. I. T. vs. Newton	
Wrestling, M. I. T.	13
Brown	55
Boston Boy's Club	54
Cancelled	
Lynn Y. M. C. A.	13

BULLDOGS SWAMP ENGINEER SEXTET

Ding Palmer, Sensational Yale Wing, Leads Attack With Five Goals

500 TECHNOLOGY ALUMNI MEET AT ANNUAL BANQUET

Lt. Hegenberger Flew in Plane From Dayton to Attend Convention

WAR SECRETARY SPEAKS

(Continued from Page 1)
F. Davis, Secretary of War. In addition to these, Lieut. Albert F. Hegenberger '18, trans-Pacific flyer, who was present as guest, gave a short talk.

In his introductory address as toastmaster, Dr. Prescott stressed the vital importance played by the alumni body in the life and development of the Institute. "It is within the power of the Alumni, through constructive criticism and counsel based on the knowledge gained through experience, that their sons may go out from Technology with broader visions of culture, greater adaptability and better professional training to meet the demands of a more exacting world," he said.

One way of accomplishing this is by promptly completing the Alumni Dormitory Fund Campaign, said Dr. Prescott, urging each class to set itself a definite sum as its goal and work until that goal is reached. The Class of 1901 has most recently gone over the top, while '94 is expected to reach its objective soon. Also, '88 and '95 are expected to soon approach the \$100,000 mark.

As the second speaker Dr. Stratton presented statistics regarding such things as enrollment, "flunk rate" and new building construction at Technology. About 75 percent of the students entering the Institute stay to graduate, he stated, this figure comparing favorably with the average of 41 percent for other engineering schools. Half of those leaving the Institute leave with unsatisfactory marks, the others leaving for financial or personal reasons.

Dr. Stratton announced that the infirmary would be ready to accommodate next year's students, while the new Guggenheim Aeronautical Building will be ready to be dedicated by next Commencement.

Speaks on Education

"Scientific Education: Do We Know What We Want, and Can We Get It?" was the subject of the talk delivered by Dr. Jewett of the Bell Laboratories, who answered his question in the affirmative. Discussing the recently growing interest in systems of technical education, he said that part of this interest was due to the general growth of interest in things educational during the past 25 years.

This interest is largely due to dissatisfaction with the training of young engineers turned out by the technical schools of today. Each educator has his own cure, and many have been applied simultaneously, with resulting confusion. Engineering education has so far erred by failing to look sufficiently ahead to see how pure science must lead applied science or engineering, and by depending on unskilled advice for guidance.

Society is becoming more and more dependent on the products of scientific knowledge, and in the future will require that technical men be fitted to take leading parts in the social organization. Greater inducements will be offered to get more men to join this type of work. "We do know what we want and we can get it, if we continue our quest wholeheartedly towards our goal," said Dr. Jewett.

Lieutenant Hegenberger Speaks

Following this address, Lieut. Hegenberger gave a short talk. He expressed his gladness of Dr. Stratton's announcement that the course in aeronautics at Technology had an increase in enrollment of 140 percent this year. Lieut. Hegenberger outlined his trip to Boston from Dayton via Washington and New York. He felt sure that in the near future business men would begin to take advantage of this rapid means of transportation.

The final speaker, Secretary of War Davis, outlined the work of the Army Engineers in preparing "not for war, but against war". He told of their manifold duties in war times, when the engineers maintain and operate transportation systems, carry on construction work and engage in combat. "In the end as in the beginning, war is largely engineering," he said. In times of peace the engineers keep in training by engaging in such civil engineering work as river and harbor improvement, and most recently flood control. This civil engineering work is alternated with military training, for varied experience is an essential qualification of the military engineer, he said.

Preceding and following the speeches, movies of Technology were shown. Scenes of old Rogers, the presidents of Technology and equipment and activity around the present Technology buildings were included.

Orville B. Dennison '11, secretary of the Alumni Association, welcomed each speaker by leading those present in a Technology cheer. The evening ended with customary singing of the Stein Song.

HOVGAARD RECEIVES HIGH DANISH AWARD

(Continued from Page 1)
Design of Warships. His contributions to non-technical literature include books on sports of which he is a keen advocate, and an authoritative work on The Voyages of the Norsemen to America, which was published in 1914. He is the author of many papers and is a member of various technical societies, among them the British Institution of Naval Architects which in 1917 awarded him the gold medal for a paper on submarines.

In 1922 and again in 1923 he was appointed by the National Advisory Committee for Aeronautics as a members of the special committees on the designs of the airships Shenandoah and RS-1.

ADVISES HUMANICS COURSE FOR M. I. T.

Nickerson '76 Would Establish New Chair for Juniors And Seniors

Continued from page 3)
of the lecture, Mr. Nickerson showed the relation of knowledge and wisdom to each other and the essentiality of tempering the former with the latter. Knowledge is learning, scholarship, or erudition; wisdom is sagacity, discretion, the capacity to make use of knowledge. Wisdom with but a smattering of knowledge can go far, but little wisdom with much knowledge works under a handicap. A student is apt to stress knowledge exclusively; but he needs wisdom. An old man, having had experience, is more than apt to do the opposite.

There are certain qualities, Mr. Nickerson pointed out, that are necessary adjuncts of success: Honesty, loyalty, tact, courage tempered with discretion, persistence, kindness, cheerfulness, should be cultivated. The student must also recognize that he has to meet envy, jealousy, spite, hatred, malice, selfishness, avarice, arrogance, injustice, falsehood, and other bad qualities in the business world.

The address was the second in the series of Aldred lectures for this year. The next will be given by Mr. Charles M. Schwab, formerly of the United States Steel Corporation, on January 20.

With The American College Editors

(Continued from page 2)

"We don't blame the faculty for the fact that this attitude is so natural at Wesleyan. They are probably succeeding better than most faculties. It is an extremely complex problem, and educators have been really working at it for only a hundred years or less. It may be three or four hundred years before book-learning can compete on equal terms with campus activities. But the fact remains that until our professors work out methods of making books seem to us as vital and imagination-stirring as basketball—until they can make us realize that there is more opportunity for originality and practical good sense in scholarship than in anything else under the sun—until they can fill up passably well the gaps mentioned by Mr. McConaughy—just so long will the books lose out."—Wesleyan Argus.

T. C. A. CABINET

There will be a meeting of the T. C. A. Cabinet tonight at 5 p. m. in the Back Office. This will be the 1st meeting before exams.

1930 CLASS OFFICERS

There will be a meeting of the Executive Committee of the Sophomore Class in Room 10-267 at 5 o'clock on Wednesday afternoon.

Yale has established a four-year course in Naval Science and Tactics which will qualify anyone having completed it for a commission in the United States Navy.

* * *

An interesting feature of the *Harvard Crimson* is a so-called "confidential guide" to courses offered by the university. It gives, in a brief and fairly concise form, student opinion of the courses as they have been offered before. The guide also names those to whom the courses are open.

* * *

Among a number of new courses offered at Carnegie Tech this year is a very comprehensive one on Public Utilities, their origin, development, and characteristics, capitalization, regulation, results of competition, valuation, depreciation, taxation, public ownership, inefficiency of governmental operation, etc. The course will consist of lectures and of papers presented by the students themselves.

1928 Scholarships Nearly The Same As Previous List

Austin Fellowship Increased From \$500 Plus Tuition To \$1000

(Continued from Page 1)
Malcolm Cotton Brown Fellowship 1000

Open to a graduate of the senior class in the course in physics for study at the Institute or abroad.

Swope Fellowship in Physics 1000
Open to an honor student in the senior class of the Department of Physics for study at the Institute or at other institutions.

Swope Fellowship in Electrical Engineering 1000
Open to an honor student of the senior class in the Department of Electrical Engineering for study at the Institute or at other institutions.

Swope Fellowship in Electrical Engineering 500
Open to an honor student of the senior class in the Department of Electrical Engineering for study at the Institute or at other institutions.

Fellowship in Fuel and Gas Engineering 700
Provided by the Massachusetts Gas Companies and Boston Consolidated Gas Company; open to students in the graduate course in fuel and gas engineering.

James Savage Fellowship 600
Open to students in all departments.

Henry Saltonstall Fellowship 550
Open to students in all departments.

Susan H. Swett Fellowship 500
Open to students in all departments.

Louis Francisco Verge Fellowship 500
For research in the field of sugar industry.

Moore Travelling Scholarship 350
For graduate study abroad, particularly in the field of organic chemistry.

Charles H. Dalton Scholarship 300
Open to an American student, graduate of the Institute, pursuing advanced chemical study and research especially applicable to the textile industry.

Richard Lee Russell Scholarship 110
Open to a student in civil engineering.

In addition to the above, a number of graduate scholarships carrying a stipend equivalent to tuition, are available from the income of other funds as follows:

Edward Austin Scholarships*; **Austin Teaching Scholarships†** \$22,500
*Open to students in all departments.
†Open to members of the instructing staff who are working for higher degrees. Application for these scholarships should be filed in the usual manner.

Jonathan Whitney Scholarships 2000
Open to students in all departments.

Henry Bromfield Rogers Scholarships 1200
Open to women students.

Helen Collamore Scholarships 650
Open to women students.

This list is practically unchanged this year with the exception of the Austin Fellowship, which has been increased to \$1000 from \$500 plus tuition.

The award is now open to anyone, but only one student will receive the benefit, whereas formerly two scholarships were available if the committee on scholarships saw fit to award them.

NOTICES

OFFICIAL

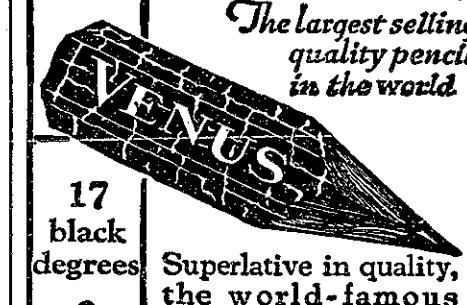
Students who have not obtained their registration material should get it immediately from Information Office. Registration material must be returned to Room 3-106 not later than 1 o'clock Friday, January 13th, to avoid a fine of \$5.00.

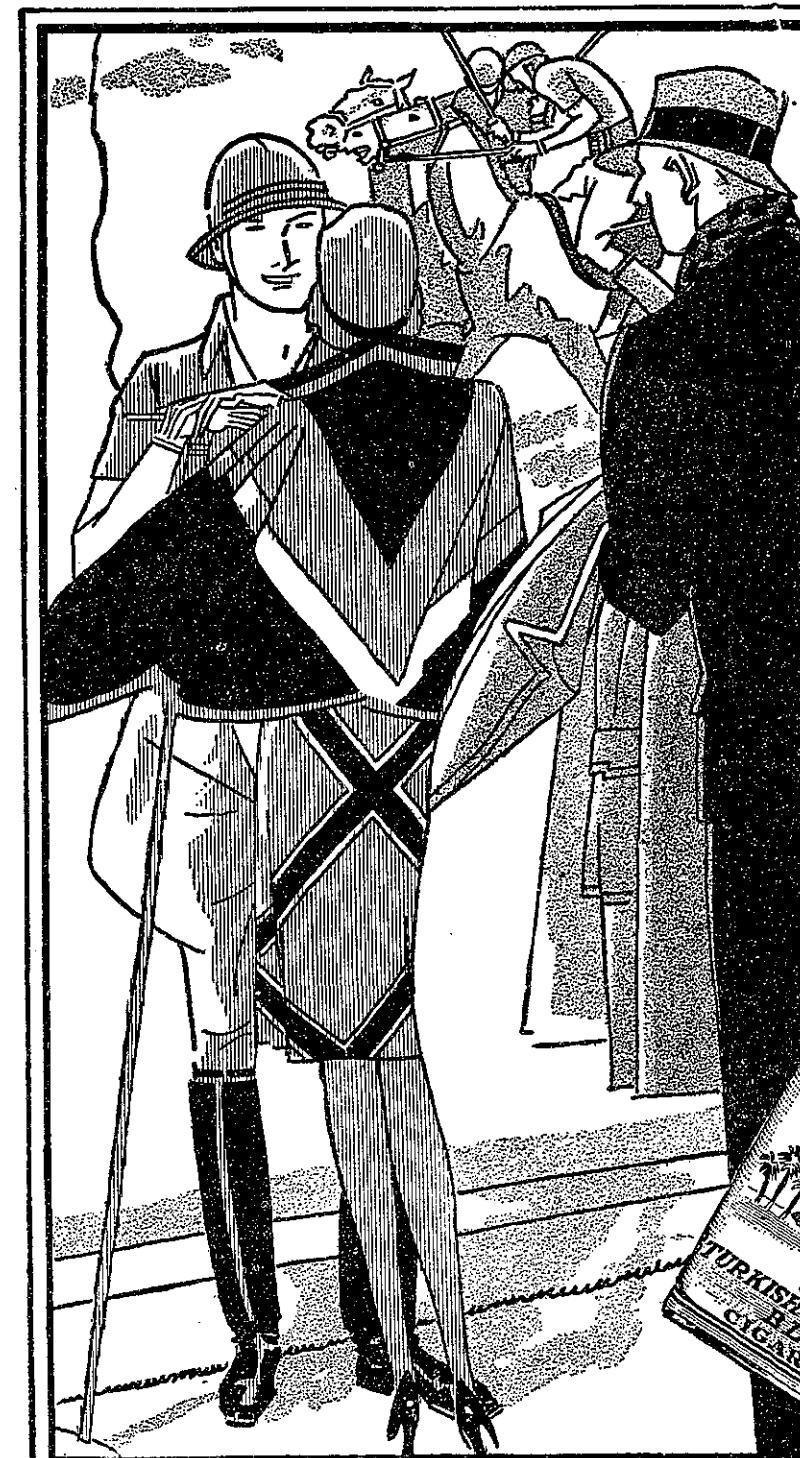
CATHOLIC CLUB

The M. I. T. Catholic Club will hold two dances this week, the first with B. U. at St. Cecilia's Hall at 9 o'clock Tuesday evening, the second with Simmons at the same place and time on Friday evening.

ORCHESTRA REHEARSALS

There will be a rehearsal of Tech Show orchestra next Wednesday night in East Lounge of Walker Memorial at 7:30 o'clock.

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